Work Orde		923				Page 1						
Item ID: D3914-041 Revision ID: Item Name: Long Basket Lid Assembly (350) Start Date: 3/12/13 Start Qty: 1.00 Required Date: 3/12/13 Req'd Qty: 1.00 Reference:				*1 <sup>*</sup>		)* 5	Setup Star	I A	S1* S2*			
Reference:	J. 12, 13	rioq a Qoj	1100	1		Customer:						
Approvals:	Process Pla	an: _ M L 3	5	Date: <u>/3-03</u>	3-0リ Tooling:	D:	ate:		I	Run Sta	1/7	R1*
				Date:		D:			Sto	*N	R2*	
Sequence ID/ Work Center II	<b>D</b>	Operation Description	<u> </u>		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Re	vision Nbr										
D3914	В		1									
D4020	A											
*100 *100* Large Fab Large Fab		Large Fab  M 1- 2-	emo assemble weld hing		0.00 wg D3914 using DT9607A brackets as per dwg D3914 g mesh***				CC	/3-	4-23	
		D	**Cut out 4020-5. M cking mes	Take sure to place me	ate goes in center off basket lid esh correctly on lid, check with	as per dwg label plate before						
*110 *110*				QSI004- Fusion We	0.00 0.00					13-01	-25	(DAS
QC		M	lemo		0.00							40,-83

Quality Control

NCR:	Yes ,	/ No				WORK ORDER NON-O	COI	VFOR	MANCE / UPI	DATE		04.61			,
						<del></del>					_	QA Closed:	Da	te:	
Mort Ord	~ <i>r</i> .					DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Work Orde	er: _					Rework	1		Skid-tube	Crosstube	Water Jet				Engineering
Part N	No.					Scrap	1	Machining	Small Fab	<b>—</b>				Quality	
						Use-as-is	Thermoforming Finishing			Rec/Store/Packaging				Other	
NCR I	۷o					Work Order Update			Large Fab Composite			Supplier			
					I			L		· · · · · · · · · · · · · · · · · · ·	-	C: 0			
Root			<b>.</b>	<b>.</b>		ption of work order update	1	Initial		tion		Sign & Date	Verificatio	n	QC Inspector
Cause	_	Date	Step	Qty	(	or Non-conformance	Cr	nief Eng	Desci	ription	+	Date	verincatio	11	QC IIISpector
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Landi						General	_	1		_	_	1		_	1
	⊢	Bending				Bend	<u></u>	Grain		<u> </u>	-	Ovalized		$\vdash$	Pressure/Forced
	$\Box$ <sup>c</sup>	Centre No	ot Concer	ntric to	o/s	BOM/Route	_	Hardwa			_	Over/Under		<u> </u>	Temperature/Cure
	Cracks					Broken/Damaged	$\perp$	-1	ion Incomplete	L	_	Part Incorre		<b></b>	Weld
	Crushed/Crimped.					Burrs	$\perp$	-	ions Incomplete/	Unclear	_	Part Lost/M	•		Wrong Stock Pulled
	$\Box$ $^{\circ}$	Cuffs				Contamination	_	Mainte		<u> </u>	_	Part Moved			
	∐⊦	leat Trea	it			Countersink		Mislabe	eled	L		Positioned V	_		7
		nspectio	n Strip in	Tube		Cut Too Short	Misread				Power Loss/	Surge		Other	
	Ripples in Bend					Drill Holes	1	Offset							

Out of Calibration

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Orde	· · · · · · · · · · · · · · · · · · ·	7923		*979					Page 2			
Item ID: Revision ID: Item Name:	D3914-041 Long Basket	Lid Assembly (350)		Accept	*N900	<b>040</b>	100	)*	Setup	Start Stop	1 414	S1* S2*
Start Date: Required Date: Reference:	3/12/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:					1 4	
Approvals:	Process P	lan:	Date:	Tooling: SPC (Y/N):		nte:			Run	Start Stop	*NI *NI	R1* R2*
Sequence ID/ Work Center II	D	Operation Description QC5-Inspect part compl	eteness to sten on W/O	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Re Qt	•	Reject Number	Insp. Stamp
*120* QC Quality Control		Memo		0.00					13·0	E641		DAS Og

130

Black Sandtex(Ref:4.3.5.7) per QSI005 4.3

0.00

\*130\* Powdercoat

Powder Coating

\*140\* HandFinish

Hand Finishing

Start Time:
Oven Temperature:
Finish Time:

Wing Walk as per dwg QSI005 4.4 Batgh 1257 8600

Memo

Memo

0.00

1- Mask data plate and apply wing walk on outside surface of mesh as per dwg

2- Install placard and label as per dwg

\*\*\*Mask label plate to size of label, use scotchbrite red pad to lightly sand area for label, apply label \*\*\*

NCR:	·														
						<u>r                                      </u>						QA Closed:	Date		
						DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Work Orde	er:				<u> </u>	Rework			Skid-tube	Crosstube	$\Box$		Water Jet	Engineering	
Part I	do.					Scrap		Machining	Small Fab	-	Proc	I. Eng. Coor.	Quality		
Faiti	NO.				<del></del>	Use-as-is		Thermoforming Finishing			$\vdash$		e/Packaging	Other	
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Cause		Date	Step	Qty	(	or Non-conformance	Ch	ief Eng	Desci	ription		Date	Verification	QC Inspector	
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	-	Bending	_			Bend	<u> </u>	Grain			$\vdash$	Ovalized	<u> </u>	<b>⊣</b>	
	-	Centre No	ot Concer	ntric to	o/s	BOM/Route	<u> </u>	Hardwa			<u> </u>	Over/Under	<del> </del>	Temperature/Cure	
	_	Cracks			-	Broken/Damaged	<u> </u>	1	ion Incomplete			Part Incorred	<del></del>	Weld	
	$\vdash$	Crushed/0	Crimped.		_	Burrs	-	4	tions Incomplete/	Jnclear	<b>}</b>	Part Lost/Mi	ssing	Wrong Stock Pulled	
	-	Cuffs			<u> </u>	Contamination	$\vdash$	Mainte			_	Part Moved	tura -		
	$\vdash$	Heat Trea				Countersink	L	Mislabe			_	Positioned W		7046	
	-	Inspection	•	Tube		Cut Too Short	<u> </u>	Misrea	d			Power Loss/	Surge	Other	
	Ripples in Bend Drill				Drill Holes	1	Offset								

Out of Calibration

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

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170

QC

Quality Control

March-01-13 1:50:42 PM Accept \*N900040100\* Setup Start Item ID: D3914-041 **Revision ID:** Stop Long Basket Lid Assembly (350) Item Name: Start Qty: 1.00 **Start Date:** 3/12/13 **Cust Item ID:** Required Date: 3/12/13 Req'd Qty: 1.00 **Customer:** Reference: Run Process Plan: Date: Tooling: Date: Approvals: Stop SPC (Y/N): Date: Date: Plan Reject Reject Set Up/ Tool ID Tool # Insp. Sequence ID/ Operation Accept Qty Qty Number Stamp Code Work Center ID Description **Run Hours** QC3- Inspect Part Finish 0.00 150 \*150\* Memo Quality Control Identify as per dwg & Stock Location 160 \*160\* 0.00 Packaging Memo Packaging

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

DQA: Date:	
DQA: Date:	

## **WORK ORDER NON-CONFORMANCE / UPDATE**

NCR: Yes / No QA Closed: Date: **AGAINST DEPARTMENT/PROCESS** DISPOSITION Work Order: Engineering Skid-tube Crosstube Water Jet Rework Prod. Eng. Coor. Quality Machining Small Fab Scrap Part No. Thermoforming Rec/Store/Packaging Other Use-as-is Finishing Large Fab Composite Supplier NCR No. Work Order Update Description of work order update Initial Action Sign & Root Chief Eng Description Date Verification QC Inspector or Non-conformance Date Step Qty Cause Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved **FAULT CATEGORY** Landing Gear **General** Pressure/Forced Grain Ovalized Bend Bending Temperature/Cure BOM/Route Over/Under tolerance Hardware Centre Not Concentric to O/S Broken/Damaged Part Incorrect Weld Cracks Inspection Incomplete Wrong Stock Pulled Instructions Incomplete/Unclear Part Lost/Missing Crushed/Crimped. Burrs Part Moved Cuffs Contamination Maintenance Positioned Wrong Heat Treat Countersink Mislabeled Other Power Loss/Surge Cut Too Short Misread Inspection Strip in Tube **Drill Holes** Offset Ripples in Bend Torque Waves in Extrusion Drawing Out of Calibration Turning Sequence Finish Out of Sequence

**Outside Dimensions** 

Wave/Twist in Tube

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**Picklist Print** March-01-13 1:50:41 PM 97923 Work Order ID: Required Date: 3/12/13 **Start Date:** 3/12/13 D3914-041 Parent Item: Required Qty: 1.00 Start Qty: 1.00 Long Basket Lid Assembly (350) Parent Item Name: IPP Rev:A new issue DD 10.03.19 verified by:EC IPP Rev:B as per dwg revB DD Comments: 10.08.18 verified by:EC Status Component Item ID/ Unit of Qty per Kit Date Replacement Last Route Qty on Total Qty Mfg/ Bin **Primary** Measure Hand Location Qty Issued Issued Item Name Item ID Item Location Seq ID Purch 100 Each 54.0000 2 2 ✓ D2581 No Manufactured Mounting Bracket Loc Qty Loc Code Location WA004 70766 81253 82506 83230 85452 87706 88574 2 92871 14 94204 26 2 10 13-4-19 100 Each 3.0000 ✓ D3914-1 No Manufactured Rib Loc Code Location Loc Qty WA005 81449

> 82131 87079

Manufactured

No

D3914-7

Rib

 $\begin{array}{c|ccc} \underline{\text{Loc Oty}} & \underline{\text{Loc Code}} \\ \text{WA005} & 4 & \cancel{B97949} & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & & \\ & &$ 

Each

4.0000

CC 13-4-19

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							•						DQA:	Date	:		· <u>.</u> .
NCR: \	/es	/ No					WORK ORDER NON-C	ON	NFORI	MANCE / UPD	ATE		QA Closed:	Date			
Vork Orde	or.						DISPOSITION				AGAINST I	DE	PARTMENT	PROCESS			
Part N	- ۱٥٠						Rework Skid-tube Crosstube Scrap Machining Small Fab Use-as-is Thermoforming Finishing Work Order Update Large Fab Composite					4	Water Jet d. Eng. Coor. re/Packaging Supplier	E	ngineering Quality Other		
Root		·			Des	crip	otion of work order update	ı	nitial	Acti	on		Sign &				
Cause		Date	Step	Qty		C	r Non-conformance	Ch	ief Eng	Descri	ption		Date	Verification	<u> </u>	QC Inspec	tor ·
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Landi	Cracks Broken/ Crushed/Crimped. Burrs Cuffs Contamin Heat Treat Counter Inspection Strip in Tube Cut Too S						BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Instruct Mainte Mislabe Misread Offset	ion Incomplete ions Incomplete/U enance eled	nclear		Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct issing Vrong	Te Wi	essure/Force mperature/G eld rong Stock P her	Cure
	_	Turning S			11	$\vdash$	Finish		4	Sequence						<del></del>	

Outside Dimensions

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

March-01-13 1:50:41 PM

Work Order ID: Parent Item: Parent Item Name:	97923 D3914-041 Long Basket Lid /	Assembly (350)						art Date: 3/12/13 tart Qty: 1.00	Required Date: 3/12/13 Required Qty: 1.00
D4016-3 Hinge Half, Lid		Manufactured	No		100	Each	43.0000	3	3 CC 13-4-19
			·	<u>Location</u> WA004 94755 95317	<u>Loc</u>		Loc Code		
<b>D4018-5</b> Rib		Manufactured	No	95563	100	18 Each B <b>88678</b>	0.0000	→ (gx)	° CC 13-4-19
D4020-5 Mesh (350 Basket Long.	, Lid)	Manufactured	No		100	Each	6.0000	1	1 CC 13-4-19
				<u>Location</u> WA007 92524 96611	<u>Loc</u>	Otv 6	Loc Code		
D4021-3 Data Plate		Manufactured	No		100	Each	13.0000	1	1 CC 13-4-19
				Location WA004 80897 82507 90783		Otv 13 B88 9 1 3	Loc Code	<del>-&gt;</del> &	
D4035-041 Lid Rib Assembly, Fwd	(350 Basket)	Manufactured	No		100	Each	4.0000	1	1 CC 13-4-19
	(			Location WA005 89282	Loc	Otv 4 B97 4	Loc Code <b>733</b> —		

NCR:	Yes	/	No	

DQA: \_\_\_\_\_ Date: \_\_\_\_\_\_

NCR: Y	es	/ No				WORK ORDER NON-C	CON	NFORN	MANCE / UP	DAIE	QA Closed:	Date:			
			*******			DISPOSITION				AGAINST DE	EPARTMENT/PROCESS				
Work Orde	r: _					<u> </u>	, I			1					
Part N	o					Rework Scrap		ı	Skid-tube Machining	Crosstube Small Fab	1	Water Jet  J. Eng. Coor.	Engineering Quality Quality		
NCR N	o			· · · · · ·		Use-as-is Work Order Update			oforming Large Fab	Finishing Composite	Rec/Stor	Other			
Root					Descri	ption of work order update	Initial Action				Sign &				
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	cription	Date	Verification	QC Inspector		
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raining	$\dashv$	-	 												
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Landin	ıø G	iear				General									
[	_	Bending				Bend		Grain			Ovalized		Pressure/Forced		
Ì	_	Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure		
İ		Cracks	-			Broken/Damaged		Inspecti	on Incomplete		Part Incorred	rt 🗀	Weld		
	Crushed/Crimped. Burrs								ions Incomplete/	/Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled		
	Cuffs Contamination							Mainte	nance		Part Moved		-		
Ī	Heat Treat Countersink							Mislabe	led		Positioned V	Vrong	_		
-	Inspection Strip in Tube Cut Too Short							Misread			Power Loss/	Surge	Other		
	$\neg$	Ripples in	oples in Bend Drill Holes								_				
ļ	Torque Waves in Extrusion Drawing							Out of C	Calibration						
Turning Sequence Finish						Out of Sequence									
	Wave/Twist in Tube Folio							Outside Dimensions							

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## **Picklist Print**

March-01-13 1:50:41 PM

Page 3

Work Order ID:

97923

Parent Item:

D3914-041

Parent Item Name: Long Basket Lid Assembly (350)

D4035-043

No

**Start Date:** 3/12/13

Required Date: 3/12/13

Start Qty: 1.00

Required Qty: 1.00

100 Each 7.0000 Manufactured Lid Rib Assembly, Aft (350 Basket)

<b>Location</b>	Loc Oty  A P Q Q Q V //	<b>S</b>
WA004	4 698891 —	
97800	4	<del></del>
WA005	3	
81202	1	
81452	I	
82988	l	

											DQA:	Dat	e:	
NCR:	Yes	/ No				WORK ORDER NON-C	100	VFORM	MANCE / UPDA	ATE	,		•	
											QA Closed:	Dat	e:	
Work Orde	or.					DISPOSITION				AGAINST DE	PARTMENT,	PROCESS		
WOIR OIGE	ei. <b>-</b>					Rework	1	Skid-tube Crosstube				Water Jet		Engineering
Part N	No.					Scrap		ł.	Machining	Prod. Eng. Coor.			Quality	
	_					Use-as-is	]		noforming	Finishing	Rec/Stor	e/Packaging		Other
NCR N	No			<del></del>		Work Order Update	]		Large Fab	Supplier				
Root			-		Descri	ption of work order update		nitial	Actio	n	Sign &			
Cause		Date	Step	Qty	C	or Non-conformance	Ch	ief Eng	Descrip	tion	Date	Verification		QC Inspector
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Equip/Tooling											1	•		
Operator														
Material	Ш													
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Other	Ш							·						
Process														
Supplier							ĺ							
Training														
Unapproved	$\Box$													
						F	AUL	T CATE	GORY					
Landi	ng G	ear				General		_			-	-		1
		Bending				Bend		Grain		<u></u>	Ovalized			Pressure/Forced
		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance		Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct [		Weld
	Crushed/Crimped. Burrs					Burrs		Instruct	ions Incomplete/Un	clear	Part Lost/Mi	ssing		Wrong Stock Pulled
	Cuffs Contam					Contamination		Mainte	nance		Part Moved			
	Heat Treat Countersink					Countersink	Mislabeled				Positioned V	Vrong		
	П	Inspection	n Strip in	Tube		Cut Too Short	Misread Power Loss/Surge O					Other		
	П	Ripples in	Bend			Drill Holes	Offset					_		

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

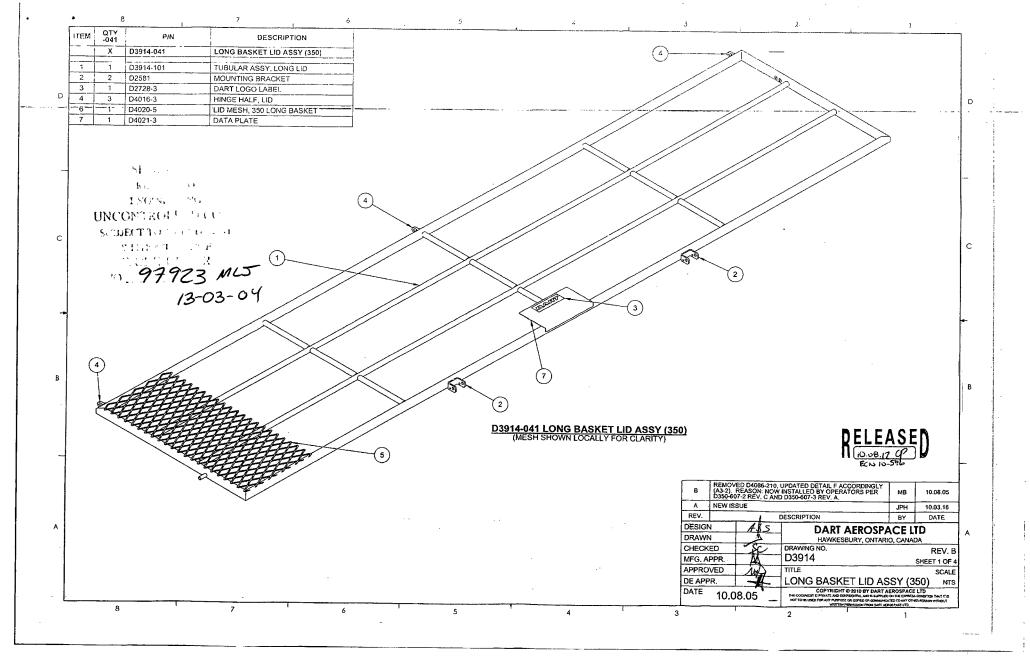
Wave/Twist in Tube

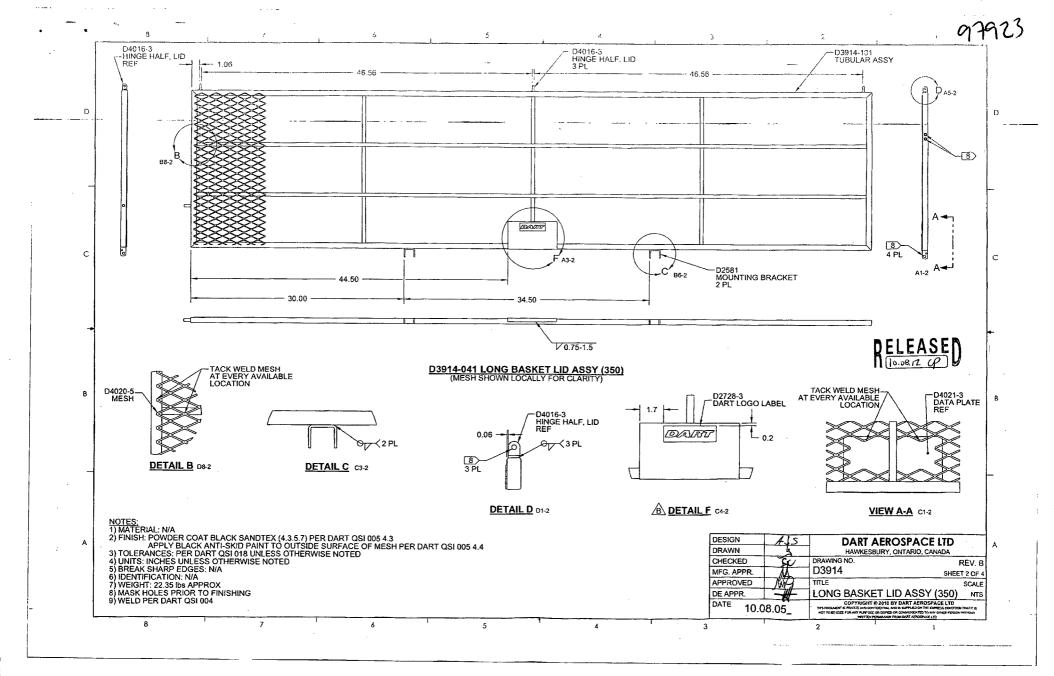
Torque Waves in Extrusion

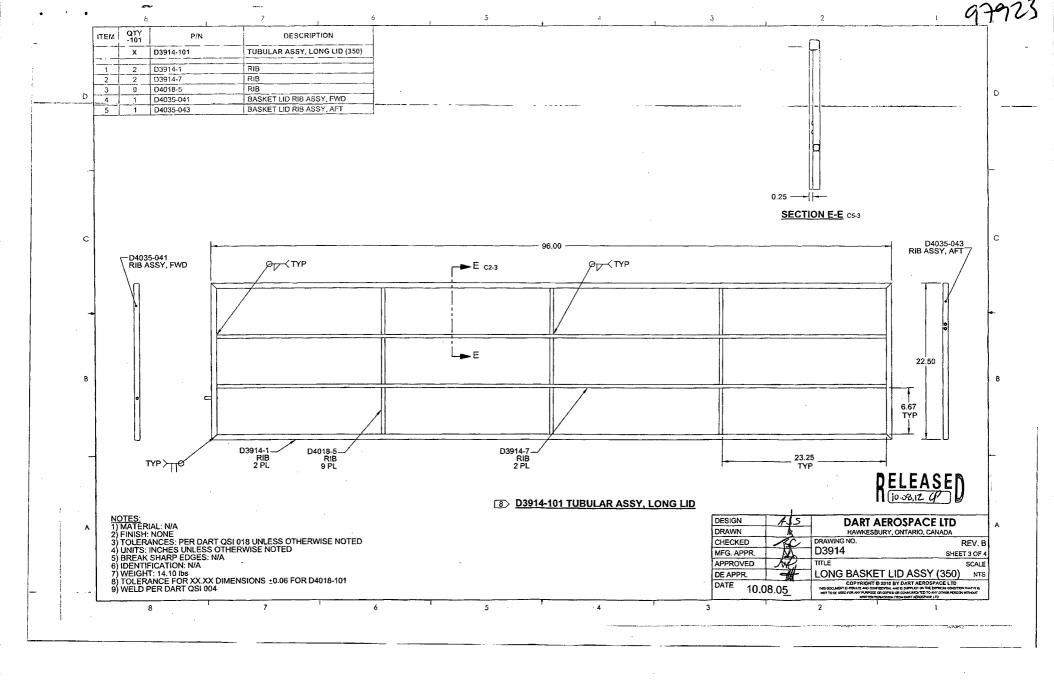
Drawing

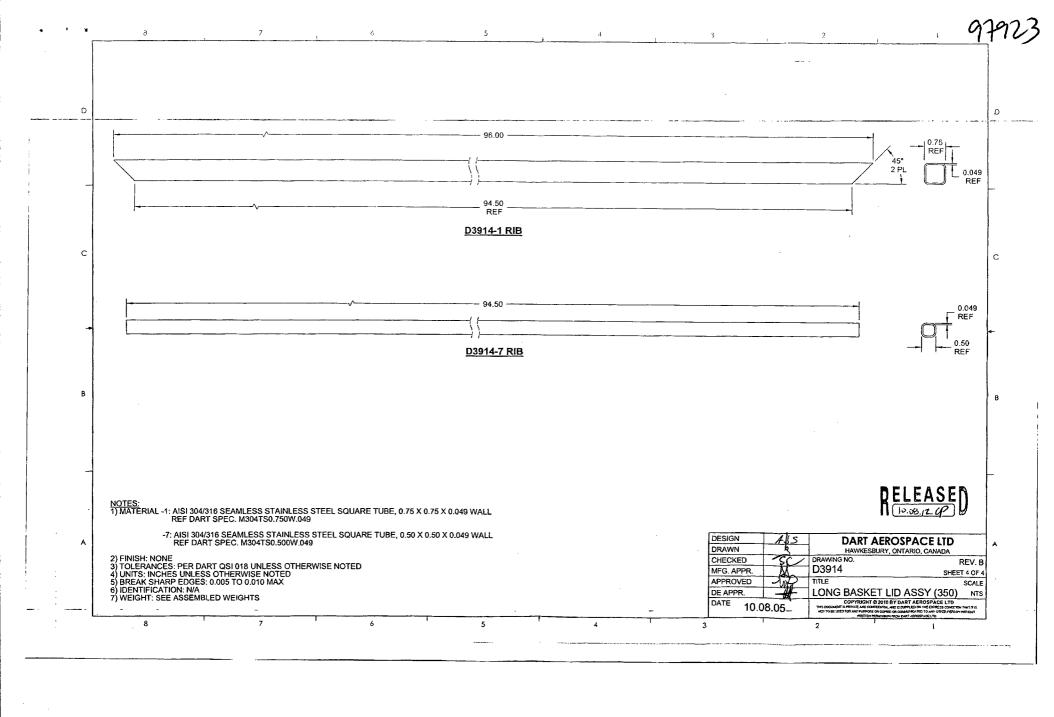
Finish

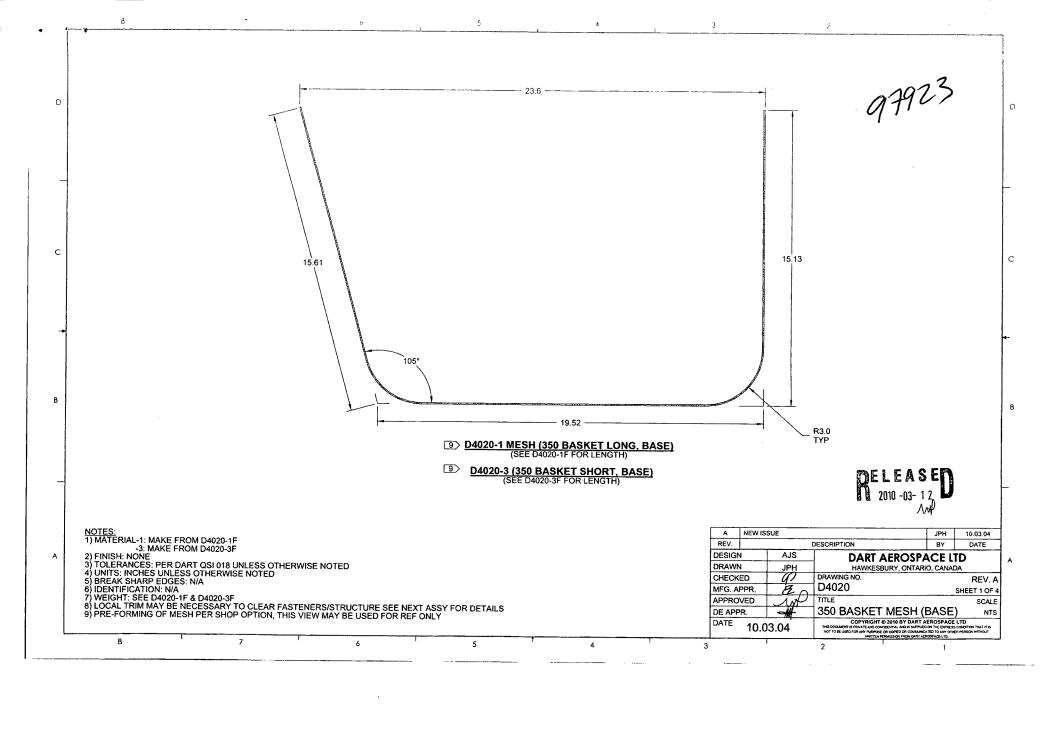
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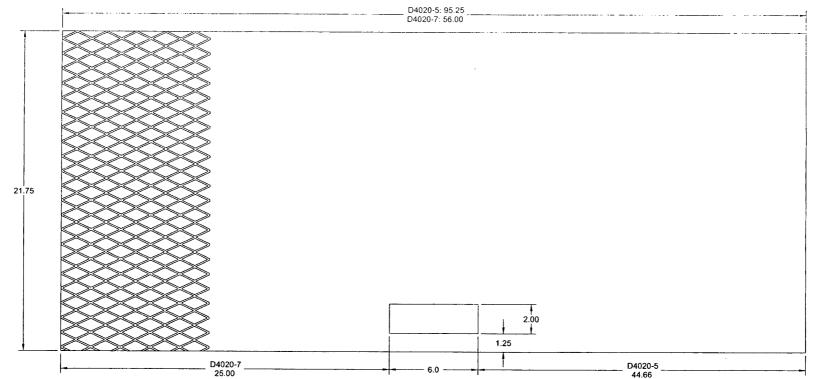












(LOCAL SECTION MESH SHOWN FOR CLARITY)

D4020-7 MESH (350 BASKET SHORT, LID)
 (LOCAL SECTION MESH SHOWN FOR CLARITY)

NOTES: 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F REF DART SPEC. M304EX0.75-16F 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: N/A 6) IDENTIFICATION: N/A

7) WEIGHT -5: 0.80 lbs APPROX -7: 4.49 lbs APPROX

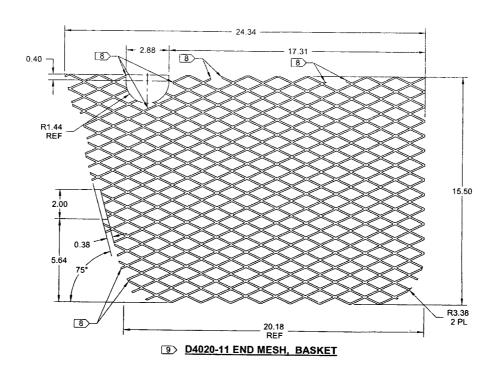
8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS

9) TOLERANCE ON XX.XX DIMENSIONS ± 0.06.

DESIGN AJS DART AEROSPACE LTD DRAWN JPH HAWKESBURY, ONTARIO, CANADA CHECKED DRAWING NO. REV. A D4020 MFG. APPR. SHEET 2 OF 4 APPROVED TITLE SCALE 350 BASKET MESH (BASE) DE APPR. COPYRIGHT © 2010 BY DART AEROSPACE LTD
PHS DOGARDIT IS PRIVITE. AND CORDICIONAL AND IS SUPPLIED OF THE DEPRESS CONCITOR TO THE COPYRISO COMPAND OF COMPAND DATE 10.03.04

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NOTES: 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F REF DART SPEC. M304EX0.75-16F

2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: N/A

7) WEIGHT: 1.22 lbs

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7) WEIGHT. 1.22 IDS 8 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS 9) TOLERANCE ON XX.XX DIMENSIONS  $\pm$  0.06.

DESIGN AJS DART AEROSPACE LTD JPH DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. A D4020 MFG. APPR. SHEET 3 OF 4 APPROVED TITLE SCALE 350 BASKET MESH (BASE) DE APPR. NTS COPYRIGHT © 2016 BY DART AEROSPACE LTD

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WRITTEN PERMISSION FROM OMT AEROSPACE LTD DATE 10.03.04

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